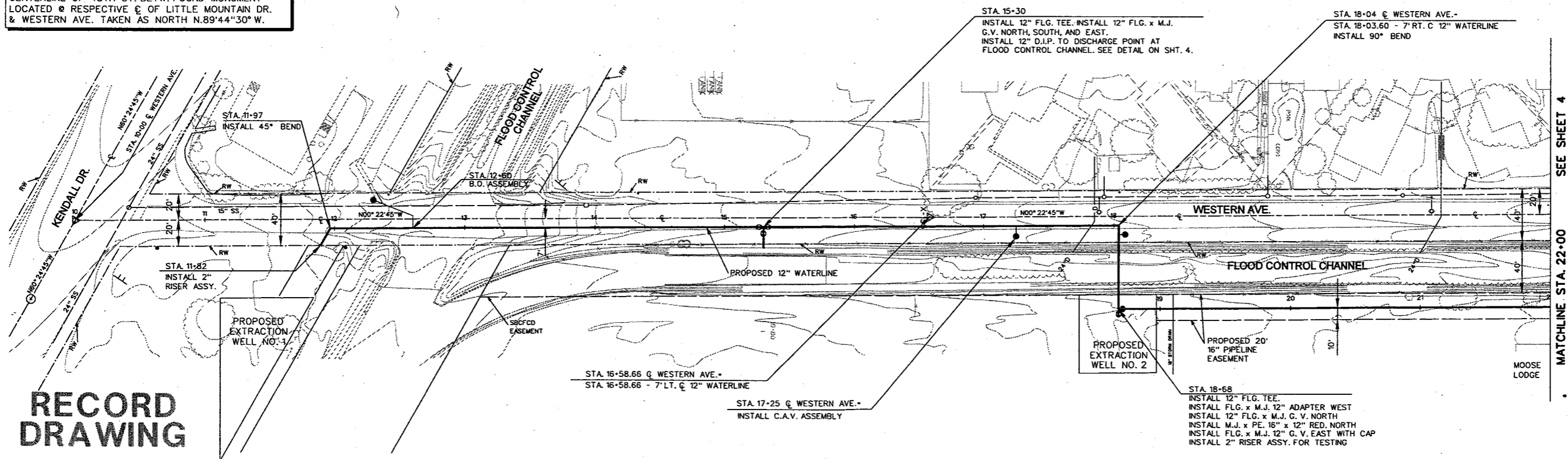


BASIS OF BEARINGS

ALL BEARINGS SHOWN HEREON ARE BASED ON THE CENTERLINE OF 48TH ST. BETW. FOUND MONUMENT LOCATED @ RESPECTIVE C OF LITTLE MOUNTAIN DR. & WESTERN AVE. TAKEN AS NORTH N.89°44'30\"/>

PROFILE SCALE
HORIZ. 1\"/>



**RECORD
DRAWING**

IF SHEET IS LESS THAN
24\"/>

SAMRDO 62370-53
SHEET 3.DGN

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	1/99	RECORD DRAWING			
REVISIONS					

DESIGNED BY: STL/MA
DRAWN BY: JW/NH
CHECKED BY: DHD

URS URS Consultants, Inc.
CONSULTING ENGINEERS
SACRAMENTO CALIFORNIA

JOB No. 62370



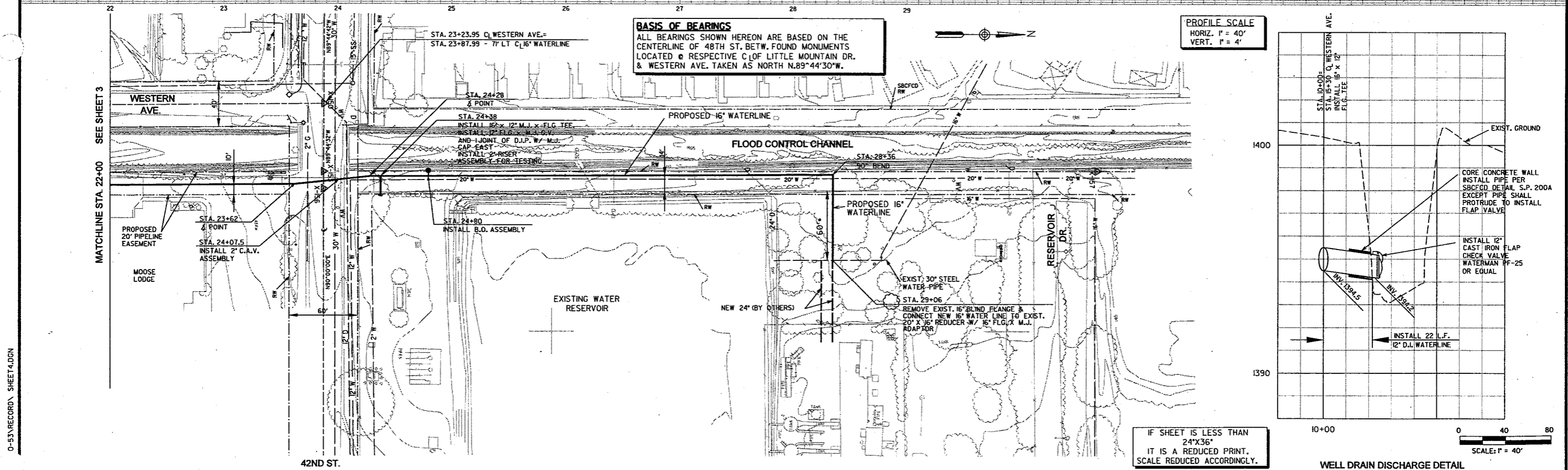
NEWMARK OU REMEDIAL DESIGN
NEWMARK GROUNDWATER
CONTAMINATION SUPERFUND SITE
NORTH PLANT TRANSMISSION PIPELINE

PLAN AND PROFILE
WESTERN AVE.
STA. 11+82 TO STA. 22+00

Scale: AS SHOWN Date: JULY 31, 1997 Dwg. No.: 3

0-531 RECORD SHEET 4.DGN

LISTS PROJ. J. SANBRO.



1/99	RECORD DRAWING				
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
REVISIONS					

DESIGNED BY: STL/MA
DRAWN BY: JW/NH
CHECKED BY: DHD

URS

URS Consultants, Inc.
CONSULTING ENGINEERS
SACRAMENTO CALIFORNIA

JOB No. 62370

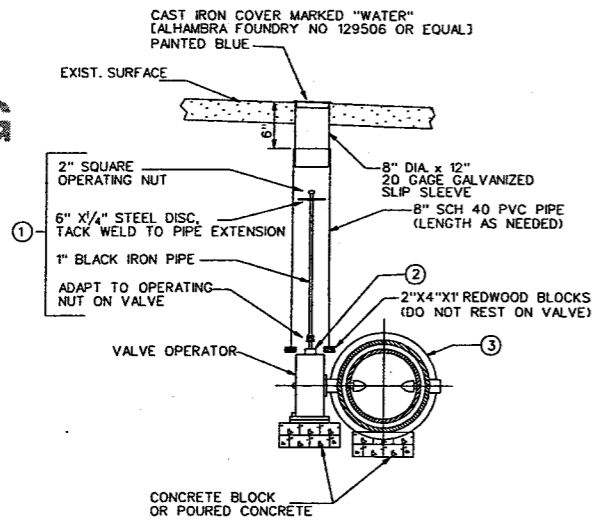


NEWMARK OU REMEDIAL DESIGN
NEWMARK GROUNDWATER
CONTAMINATION SUPERFUND SITE
NORTH PLANT TRANSMISSION PIPELINE

PLAN AND PROFILE
WESTERN AVE. FLOOD
CONTROL LEVEE
STA. 22+00 TO STA. 29+28

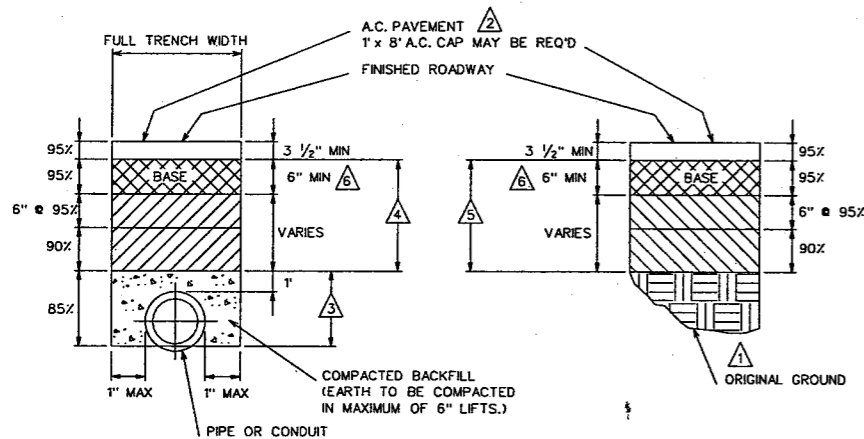
Scale: AS SHOWN
Date: JULY 31, 1997
Dwg. No.: 4

RECORD
DRAWING



- NOTE:
1. PROVIDE VALVE STEM EXTENSION AS SHOWN IF VALVE NUT BURY DEPTH EXCEEDS 5.0 FEET.
 2. BACKFILL VALVE WITH SAND UP TO PACKING
 3. VALVE SHALL BE A RUBBER SEATED BUTTERFLY VALVE FURNISHED WITH FLANGED ENDS, A CAST IRON BODY AND DISC, AND MOLDED RUBBER SEAT. THE INTERIOR SHALL BE CLASS 150 UNLESS OTHERWISE SPECIFIED AND SHALL CONFORM TO AWWA C504 SPECS.

TYPICAL BUTTERFLY VALVE INSTALLATION



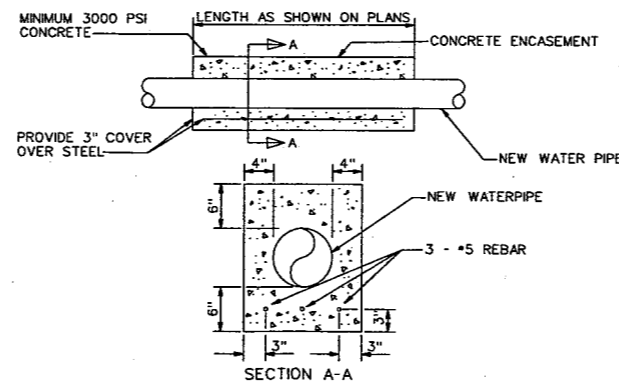
1. THE TOP 6" OF SUBGRADE SHALL BE COMPACTED TO 95% RELATIVE DENSITY.
2. ASPHALT CONCRETE PAVEMENT SHALL BE A MINIMUM OF 2" THICK FOR TEMPORARY TRENCH RESURFACING AND 3 1/2" THICK FOR PERMANENT PAVING, OR AS SHOWN ON THE PLANS. A.C. THICKNESS TO BE 1" GREATER THAN EXISTING A.C. SECTION.
3. SAND EQUIVALENT AND PERMEABILITY SHALL COMPLY WITH SECTION 19-3.06 "STRUCTURE BACKFILL" OF THE STATE STANDARD SPECIFICATIONS.
4. TRENCH BACKFILL SHALL BE PER SECTION 19-3.06, "STRUCTURE BACKFILL" OF THE STATE STANDARD SPECIFICATIONS.
5. SUBGRADE PREPARATION FOR STREET PROJECTS SHALL BE PER SECTION 19, "EARTHWORK" OF THE STATE STANDARD SPECIFICATIONS.
6. 3 1/2" MINIMUM ASPHALT CONCRETE OVER 6" MINIMUM CRUSHED AGGREGATE BASE, OR AS SHOWN ON THE PLANS.
7. ALL WORK PROTECTION SHALL BE IN ACCORDANCE WITH THE STATE MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONE.

ASPHALT PAVEMENT PATCHING AND PIPE BEDDING DETAIL

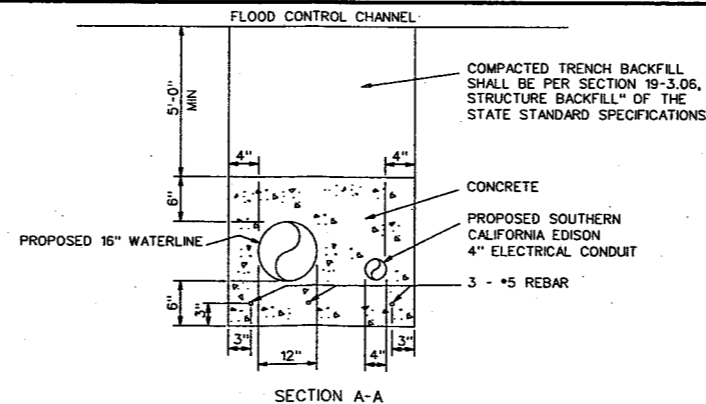
PIPE SIZE	BEND				TEE		DEAD END
	1 1/2" BEND	22 1/2" BEND	45° BEND	90° BEND	TEE	DEAD END	
4"	2'	5'	10'	24'	7'	50'	
6"	3'	7'	14'	34'	10'	70'	
8"	4'	9'	18'	43'	18'	90'	
10"	5'	10'	21'	52'	35'	109'	
12"	6'	12'	25'	60'	53'	127'	
16"	7'	15'	31'	74'	76'	161'	
20"	9'	17'	36'	88'	141'	193'	
24"	10'	20'	42'	100'	170'	223'	

- NOTES:
1. Use the following guidelines when other pipe joints are within 10 feet of the joint being restrained:
 - a) Use the "dead end" length for connections to any material except ductile iron and cast iron.
 - b) Use the "dead end" length when another pipe joint is within 10 feet of a bend being restrained.
 - c) Use the "90° bend" length when another pipe joint is within 10 feet of a tee being restrained.
 2. Divide restrained length by 0.85 for silty soil.
 3. This table is based on the assumption that the trench is backfilled to a minimum depth of 2.5 feet with a silty sand which has been lightly compacted.
 4. Restrained length on tees assumes the same size branch and run. Tees which have branch diameters less than the diameter of the run may require a shorter restrained length.

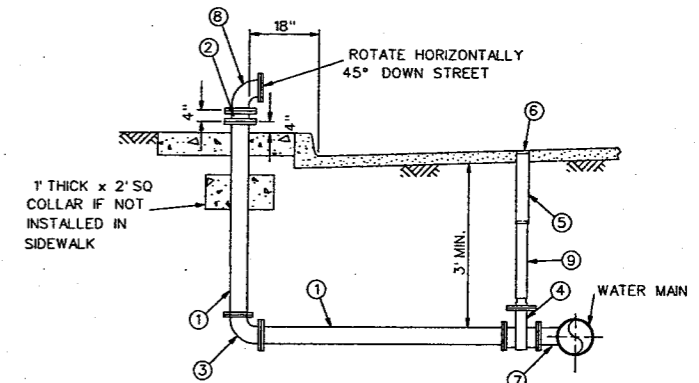
RESTRAINED JOINT DETAIL



CONCRETE ENCASEMENT DETAIL

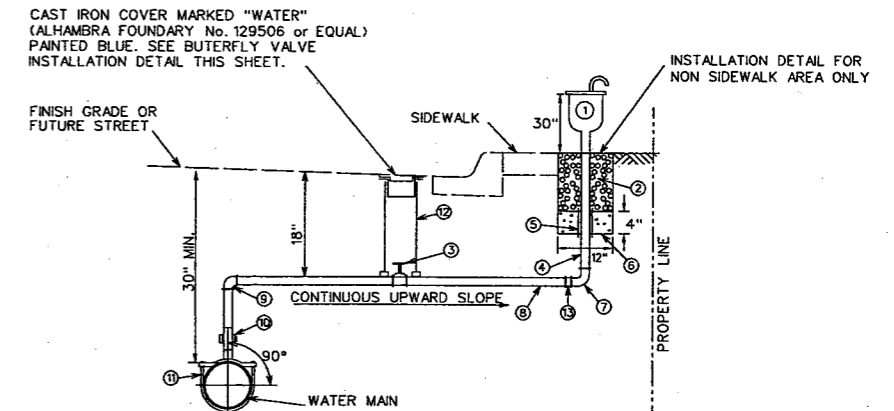


FLOOD CONTROL CHANNEL
CONCRETE ENCASEMENT DETAIL



1. 6" CLASS 150 DI PIPE RESTRAINED WITH MEGALUG OR EQUAL
2. 6" FLANGE BREAKAWAY SPOOL MOTOR LINED (INCLUDE HOLLOW BREAKAWAY BOLTS)
3. 6" DIMJ 90° ELBOW RESTRAINED
4. 6" GATE VALVE-FLG x MJ
5. 8" DIA x 12" 20 GAGE GALV. SLIP SLEEVE
6. CAST IRON COVER MARKED "WATER" (ALHAMBRA FOUNDRY NO. 129506 OR EQUAL) PAINTED BLUE
7. MJ x FL TEE
8. 6" FL STEEL 90° BEND W/ BLIND FLANGE
9. 8" SCH 40 PVC PIPE (LENGTH AS NEEDED)

BLOW-OFF



- | ITEM | QTY | DESCRIPTION | ITEM | QTY | DESCRIPTION |
|------|----------------------|---|------|----------------------|---|
| 1 | 1 EA. | SELECT ONE OF THE FOLLOWING:
A) 1" OR 2" AIR RELEASE VALVE - CRISPIN PL10A/PL20, APCO NO. 200A OR EQUAL
B) 2" AIR VACUUM VALVE - CRISPIN A20, APCO 144, OR EQUAL
C) 2" COMBINATION AIR AND VACUUM RELEASE VALVE - CRISPIN UNIVERSAL AIR RELEASE VALVE NO. U20, APCO NO. 145C, OR EQUAL | 6 | 0.3 FT. ³ | 2,000 PSI CONCRETE |
| 2 | 1.3 FT. ³ | 3/4" POORLY GRADED GRAVEL | 7 | 1 EA. | 2" GALVANIZED QUARTER BEND (FEM PIPE THREAD) |
| 3 | 1 EA. | 2" BRONZE WHEEL VALVE | 8 | --- | L.F. 2" TYPE L HARD COPPER TUBING (SBMWD APPROVED U.S. MANUFACTURE) |
| 4 | 24 IN. | 2" THREADED GALVANIZED IRON PIPE | 9 | 1 EA. | 2" BRASS COMPRESSION QUARTER BEND |
| 5 | 12 IN. | 3" FLEXIBLE VINYL SLEEVE | 10 | 1 EA. | 2" BRONZE CORPORATION STOP MUELLER H15023 OR EQUAL |
| | | | 11 | 1 EA. | ---" x 2" SERVICE SADDLE OR 2" WELD-ON THREAD-O-LET |
| | | | 12 | 2 EA. | VALVE CAN PER CITY STANDARD |
| | | | 13 | 1 EA. | INSULATOR COUPLING (COMPRESSION x MALE PIPE THREAD) |

IF SHEET IS LESS THAN
24"X36"
IT IS A REDUCED PRINT.
SCALE REDUCED ACCORDINGLY.

1" AND 2" AIR RELEASE VALVES, 2" VACUUM VALVE
AND 2" COMBINATION VALVE

370-53 RECORD\ SHEETS.DGN
JUST5\PROJ\SANBER

1/99	RECORD DRAWING				
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
REVISIONS					

DESIGNED BY: STL/MA
DRAWN BY: JW/NH
CHECKED BY: DHD

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CONSULTING ENGINEERS
SACRAMENTO CALIFORNIA

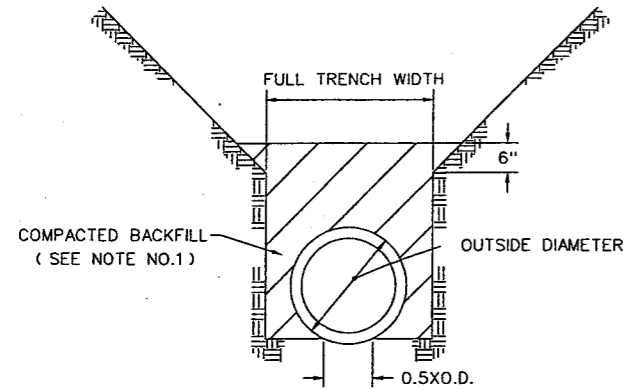
JOB No. 62370



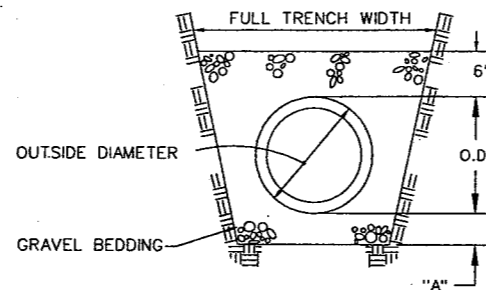
NEWMARK OU REMEDIAL DESIGN
NEWMARK GROUNDWATER
CONTAMINATION SUPERFUND SITE
NORTH PLANT TRANSMISSION PIPELINE

MISCELLANEOUS
DETAILS

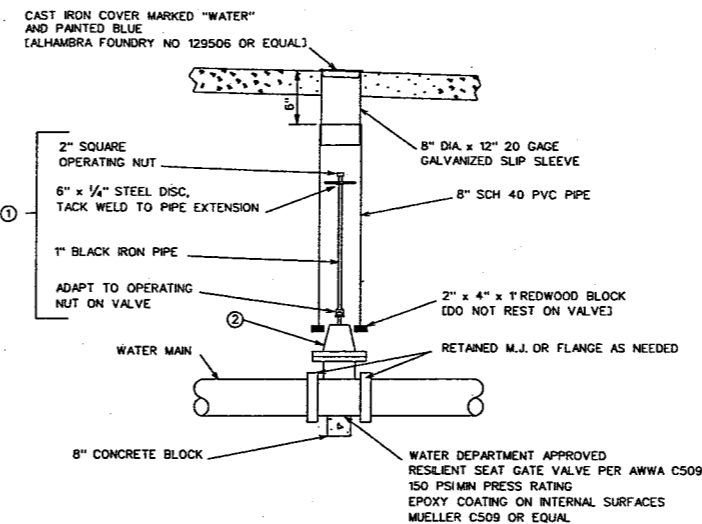
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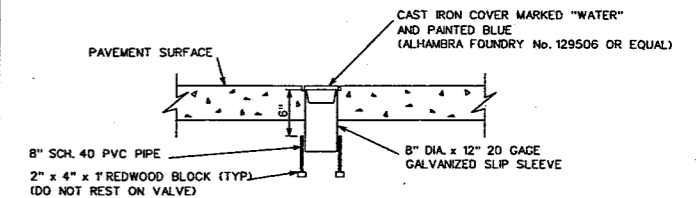
NOTES:
1. EARTH TO BE COMPACTED IN MAXIMUM OF 6" LIFTS.



NOTES:
1. EARTH TO BE COMPACTED IN MAXIMUM OF 6" LIFTS.
2. "A" = 4" FOR PIPE WITH OUTSIDE DIAMETERS 27" AND SMALLER
"A" = 6" FOR PIPE WITH OUTSIDE DIAMETERS 30" AND LARGER



NOTE:
① PROVIDE VALVE STEM EXTENSION AS SHOWN IF VALVE NUT BURY DEPTH EXCEEDS 5.0 FEET.
② BACKFILL VALVE WITH SAND UP TO PACKING

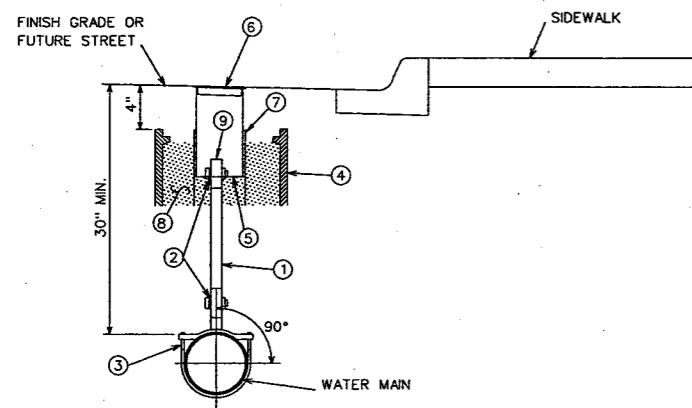


RIGID PIPE BEDDING

FLEXIBLE PIPE BEDDING

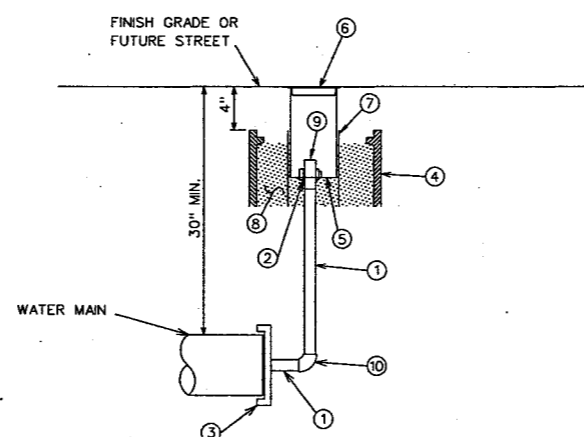
TYPICAL GATE VALVE INSTALLATION

TYPICAL VALVE CAN INSTALLATION



ITEM	QTY	DESCRIPTION	ITEM	QTY	DESCRIPTION
①	--- L.F.	2" TYPE L HARD COPPER TUBING (SBMWD APPROVED U.S. MANUFACTURE)	⑥	1EA.	CAST IRON COVER MARKED "WATER" AND PAINTED BLUE (ALHAMBRA FOUNDRY NO 129506 OR EQUAL)
②	1EA.	2" BRONZE CORPORATION STOP MUELLER H15023 OR EQUAL	⑦	1.0 LF	8" SCH 40 PVC PIPE
③	1EA.	---" x 2" SERVICE SADDLE OR 2" WELD ON THREAD-O-LET	⑧	1.5 CF	CLEAN FINE SAND
④	1EA.	12"x18"x12" METER BOX ARMORCAST 6001425A OR EQUAL	⑨	1EA.	THREADED PVC CAP
⑤	1EA.	8" DIA x 12" 20 GAGE GALVANIZED SLIP SLEEVE			

FLUSHING PORT DETAIL



ITEM	QTY	DESCRIPTION	ITEM	QTY	DESCRIPTION
①	--- L.F.	2" TYPE L HARD COPPER TUBING (SBMWD APPROVED U.S. MANUFACTURE)	⑥	1EA.	CAST IRON COVER MARKED "WATER" AND PAINTED BLUE (ALHAMBRA FOUNDRY NO 129506 OR EQUAL)
②	1EA.	2" BRONZE CORPORATION STOP MUELLER H15023 OR EQUAL	⑦	1.0 LF	8" SCH 40 PVC PIPE
③	1EA.	---" x 2" TAPPED M.J. RESTRAINED END CAP	⑧	1.5 CF	CLEAN FINE SAND
④	1EA.	12"x18"x12" METER BOX ARMORCAST 6001425A OR EQUAL	⑨	1EA.	THREADED PVC CAP
⑤	1EA.	8" DIA x 12" 20 GAGE GALVANIZED SLIP SLEEVE	⑩	1EA.	2" 90° ELL

2" RISER ASSEMBLY

**RECORD
DRAWING**

IF SHEET IS LESS THAN
24" x 36"
IT IS A REDUCED PRINT.
SCALE REDUCED ACCORDINGLY.

170-53 RECORD SHEET 6.DGN
JUST 5 PROJ SANBR

1/99	RECORD DRAWING				
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

REVISIONS

DESIGNED BY: STL/MA
DRAWN BY: JW/NH
CHECKED BY: DHD

URS URS Consultants, Inc.
CONSULTING ENGINEERS
SACRAMENTO CALIFORNIA

JOB No. 62370



NEWMARK OU REMEDIAL DESIGN
NEWMARK GROUNDWATER
CONTAMINATION SUPERFUND SITE
NORTH PLANT TRANSMISSION PIPELINE

MISCELLANEOUS
DETAILS

Scale: NO SCALE Date: JULY 31, 1997 Dwg. No.: 6

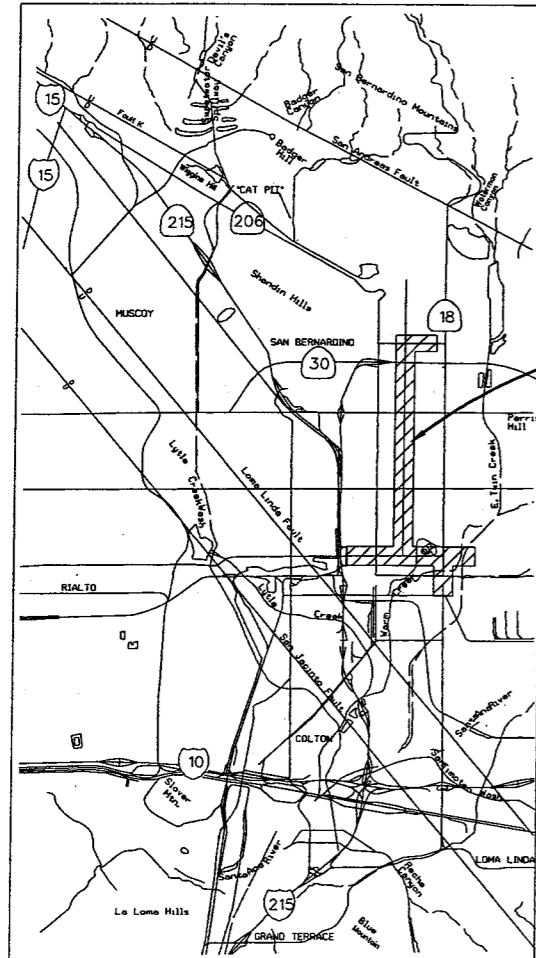
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX

NEWMARK OU REMEDIAL DESIGN
NEWMARK GROUNDWATER
CONTAMINATION SUPERFUND SITE
SOUTH PLANT TRANSMISSION PIPELINE

PREPARED BY
URS CONSULTANTS, INC.
SAN BERNARDINO, CA.

SEPTEMBER 1996

RECORD
DRAWING

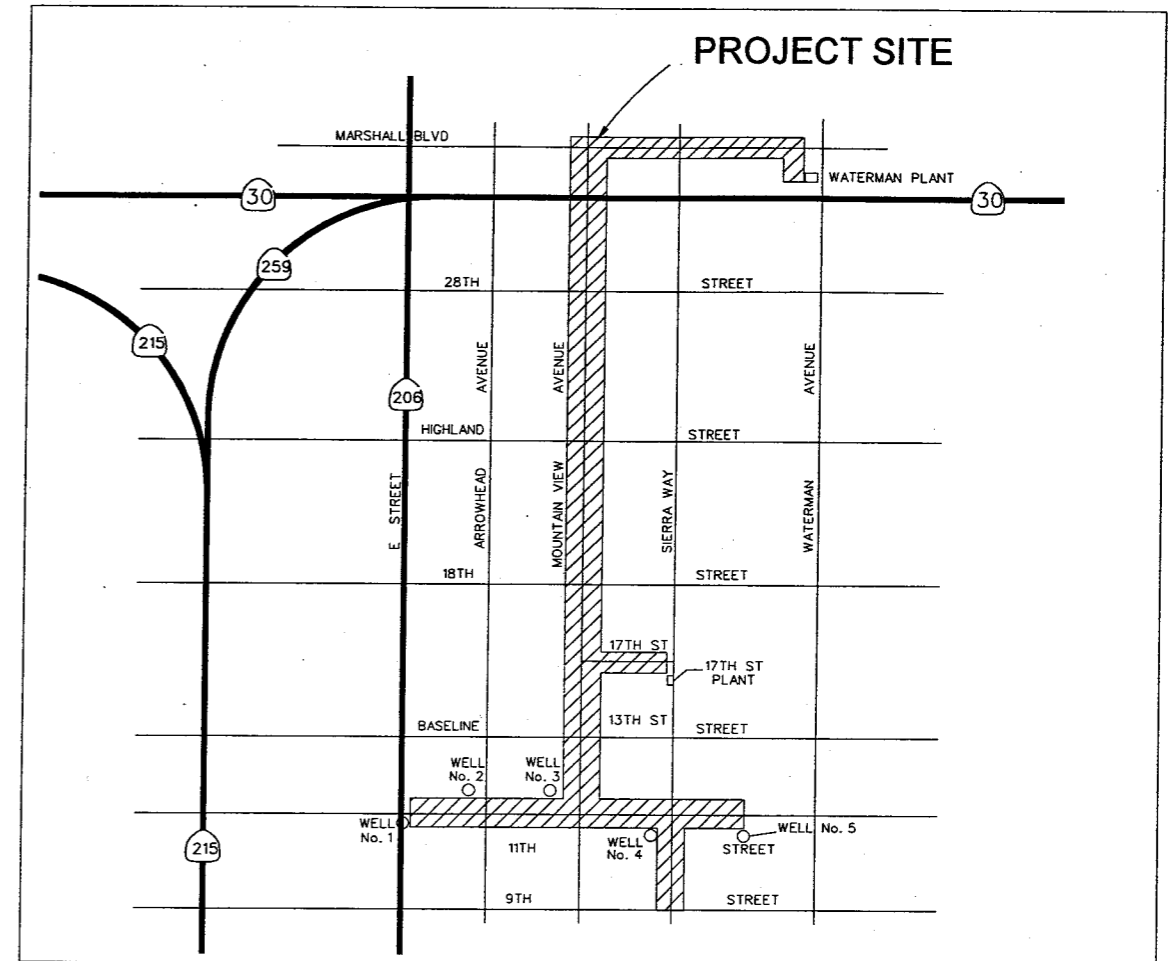


VICINITY MAP

PROJECT SITE

GENERAL NOTES

1. WATERMAN PLANT SITE BENCHMARK (ELEV. 1240.802 FEET) IS A BRASS DISK STAMPED "X-522" LOCATED AT THE SOUTHWEST CORNER OF SIERRA WAY AND MARSHALL BLVD. IN THE TOP OF THE SOUTHEAST CORNER OF A CONCRETE FOUNDATION FOR A LIGHT STANDARD AND OVERHEAD STREET LIGHT, 0.9 FEET WEST OF THE WEST CURB LINE OF SIERRA WAY, 13.9 FEET SOUTH OF THE SOUTH CURB LINE OF MARSHALL BLVD. CITY OF SAN BERNARDINO DESIGNATION A6-2, SET 1972.
2. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR PROTECTION OF EXISTING FACILITIES FROM DAMAGE DUE TO CONTRACTOR'S OPERATIONS.
3. CONTRACTOR AGREES TO ENSURE THAT ALL WORK IS PERFORMED IN A MANNER WHICH MINIMIZES DISTURBANCE TO OWNER'S ONGOING ACTIVITIES AT THE SITE. CONTRACTOR SHALL ENFORCE STRICT DISCIPLINE AND GOOD ORDER AMONG ITS EMPLOYEES AT ALL TIMES. CONTRACTOR SHALL NOT EMPLOY ANY PERSON UNFIT OR UNSKILLED IN ANY PROJECT ASSIGNED TO HIM.
4. OSHA PERMIT IS REQUIRED FOR TRENCHES OVER 5 FT. IN DEPTH, PRIOR TO START OF TRENCH EXCAVATION.
5. ALL WATERLINE CONNECTION POINTS AND CRITICAL UTILITY CROSSINGS POINTS SHALL BE EXPOSED AND ACCURATELY LOCATED AT THE START OF CONSTRUCTION, AND THE SBMWD SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE CONTINUATION OF WORK.
6. THE CONTRACTOR SHALL NOT OPEN MORE TRENCHES THAN CAN BE PROPERLY PROSECUTED IN A DAY'S OPERATION. ANY TRENCH UNAVOIDABLY LEFT OPEN DURING THE HOURS OF DARKNESS OR OVER A WEEKEND SHALL BE FENCED WITH A 6-FOOT CHAIN LINK FENCING AND PROPERLY LIGHTED, OR BRIDGE BY A SBMWD APPROVED TRAFFIC PLATE WITH REFERENCE TO THE W.A.T.C.H. MANUAL.
7. THE CONTRACTOR SHALL REINSTALL PAVEMENT MARKINGS AND STRIPPING THAT HAVE BEEN DISTURBED BY HIS OPERATIONS.
8. THE CONTRACTOR SHALL PROVIDE SAFE AND CONTINUOUS PASSAGE FOR LOCAL PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES WITH REFERENCE TO THE W.A.T.C.H. MANUAL.
9. TRAFFIC SIGNALS FUNCTIONS SHALL BE THE RESPONSIBILITY OF THE CITY OF SAN BERNARDINO, DEPARTMENT OF PUBLIC WORKS; HOWEVER, THE CONTRACTOR IS REQUIRED TO GIVE 48-HOUR NOTICE PRIOR TO ANY CONSTRUCTION THAT MAY DAMAGE OR AFFECT BURIED TRAFFIC DETECTORS.
10. THE CONTRACTOR SHALL SO CONDUCT HIS OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO THE PUBLIC, AND HE SHALL HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAT HE CAN PROSECUTE PROPERLY WITH DUE REGARD TO THE RIGHTS OF THE PUBLIC. CONVENIENT ACCESS TO DRIVEWAYS, HOUSES, AND BUILDINGS ALONG THE LINE OF WORK SHALL BE MAINTAINED.



LOCATION MAP

PRIVATE ENGINEER'S NOTES TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUIT OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

DIG ALERT

DIAL TOLL FREE
1-800-422-4133

AT LEAST TWO DAYS
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

RECORD
DRAWING

3/99	RECORD DRAWING				
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
REVISIONS					

DESIGNED BY: STL
DRAWN BY: JW
CHECKED BY: DHD

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CONSULTING ENGINEERS
SACRAMENTO CALIFORNIA

JOB No. 62370

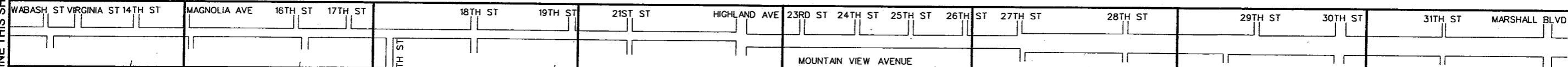


NEWMARK OU REMEDIAL DESIGN
NEWMARK GROUNDWATER
CONTAMINATION SUPERFUND SITE
SOUTH PLANT TRANSMISSION PIPELINE

LOCATION MAPS
GENERAL NOTES

Scale: NO SCALE Date: 9/25/97 Dwg. No.: 1

MATCHLINE THIS SHEET



SHEET NO. 9

SHEET NO. 10

SHEET NO. 11

SHEET NO. 12

SHEET NO. 13

SHEET NO. 14

SHEET NO. 15

SHEET NO. 16

SHEET NO. 21

SHEET NO. 17

SHEET NO. 18

SHEET NO. 19

SHEET NO. 20

SHEET INDEX

- | | |
|----------------------------------|---|
| 1. LOCATION MAPS & GENERAL NOTES | 12. PLAN & PROFILE |
| 2. INDEX, LEGEND & ABBREVIATIONS | 13. PLAN & PROFILE |
| 3. PLAN & PROFILE | 14. PLAN & PROFILE |
| 4. PLAN & PROFILE | 15. PLAN & PROFILE |
| 5. PLAN & PROFILE | 16. PLAN & PROFILE |
| 6. PLAN & PROFILE | 17. PLAN & PROFILE |
| 7. PLAN & PROFILE | 18. PLAN & PROFILE |
| 8. PLAN & PROFILE | 19. PLAN & PROFILE |
| 9. PLAN & PROFILE | 20. PLAN & PROFILE |
| 10. PLAN & PROFILE | 21. PLAN & PROFILE |
| 11. PLAN & PROFILE | 22. MISC. DETAILS |
| | 23. MISC. DETAILS |
| | 24. MOUNTAIN VIEW AVE. OVERCROSSING DETAILS |
| | 25. MOUNTAIN VIEW AVE. OVERCROSSING DETAILS |

LEGEND

- | | |
|-----|--------------------------|
| --- | EXISTING BURIED FACILITY |
| --- | CENTERLINE |
| --- | RIGHT-OF-WAY |
| --- | NEW PIPELINE |
| ○ | MANHOLE |
| ⊗ | GATE VALVE |
| ⊙ | REDUCER |
| ⊕ | BUTTERFLY VALVE |
| ⊖ | COMBINATION AIR VALVE |
| ⊗ | BLOW OFF |
| ⊙ | TRACER WIRE PULL BOX |

ABBREVIATIONS

- | | | | |
|-----|--------------------------|--------|--|
| ARV | AIR RELEASE VALVE | MJ | MECHANICAL JOINT |
| BF | BLIND FLANGE | N.C. | NORMALLY CLOSED |
| BFV | BUTTERFLY VALVE | N.O. | NORMALLY OPEN |
| BO | BLOW OFF | PRV | PRESSURE REDUCING VALVE |
| CAV | COMBINATION AIR VALVE | RCP | REINFORCED CONCRETE PIPE |
| CL | CEMENT LINED | RED | REDUCER |
| CL | CENTERLINE | RW | RIGHT-OF-WAY |
| D | DRAIN | S | SLOPE |
| DIP | DUCTILE IRON PIPE | SBCFCD | SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT |
| E | ELECTRICAL | SS | SANITARY SEWER |
| ECC | ECCENTRIC | STA | STATION |
| FCA | FLANGED COUPLING ADAPTOR | T | TELEPHONE |
| FLG | FLANGED | W | WATER |
| G | GAS | W/ | WITH |
| GB | GRADE BRAKE | WP | WRAPPED |
| INV | INVERT ELEVATION | | |
| LF | LINEAL FEET | | |
| L | LAYOUT LINE | | |

BASIS OF BEARINGS

ALL BEARINGS SHOWN HEREON ARE BASED ON THE CENTERLINE OF MT. VIEW AVE. BETW. FOUND MONUMENTS LOCATED @ RESPECTIVE C. OF 13TH ST. (W) & 17TH ST. (E) TAKEN AS NORTH (ASSUMED)

BENCHMARK * A6-2

CITY OF SAN BERNARDINO DATUM: BRASS DISK STAMPED "X-522 1956" @ SAN BDN., @ THE S.W. CORNER OF SIERRA WAY & MARSHALL BLVD., IN THE TOP OF THE S.E. CORNER OF A CONCRETE FOUNDATION FOR A LIGHT STANDARD & OVREHEAD ST. LITE. EL=1240.802

BENCHMARK * A6-1

CITY OF SAN BERNARDINO DATUM: BRASS DISK STAMPED "Q-522" @ SAN BERNARDINO, 265.0' N. & 23'E. OF THE C.L. INTERSECTION OF 30TH & SIERRA WAY, IN THE TOP OF THE E. CONC. CURB OPPOSITE 3052 SIERRA WAY. EL=1229.011

BENCHMARK * B5-3

CITY OF SAN BERNARDINO DATUM: BRASS DISK STAMPED "CSB B5-3" @ THE BACK OF THE N.S. SWALK, 17' W. OF THE W. CURB OF SIERRA WAY; 7.5' S. OF THE S. CURB OF 27TH ST.; 22.5' S. & 40' WEST OF THE C.L. P.I. OF 27TH ST. & SIREEA WAY. EL=1198.23

BENCHMARK * B3-4

CITY OF SAN BERNARDINO DATUM: BRASS DISK STAMPED "CBM *43" @ THE BACK OF THE INTERSECTION OF THE S/W; 7.5' S. OF THE S. CURBLINE OF BASELINE ST. & 18.5' E. OF THE E. OF THE CURB LINE OF SIERRA WAY, 40.5' SO. & 41.0' E. OF THE C.L. P.I. OF BASELINE & SIERRA WAY EL=1094.537

BENCHMARK * A6-3

CITY OF SAN BERNARDINO DATUM: BRASS DISK STAMPED "CBM *14" @ THE BACK OF SIDEWALK 16.0' N. OF N. CURBLINE OF BLVD. & 12.3' E. OF W. CURB OF CENTER MEDIAN, 41.0' N. & 20.0' W. OF CL INTERSECTION OF MARSHALL BLVD. & MT. VIEW AVE. EL=1240.710

RECORD
DRAWING

USTS\PROJ\SANBERDO\RECORD\SH2.DGN

	3/99	RECORD DRAWING			
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
REVISIONS					

DESIGNED BY: STL
DRAWN BY: JW
CHECKED BY: DHD

URS URS Consultants, Inc.
CONSULTING ENGINEERS
SACRAMENTO CALIFORNIA

JOB No. 62370



NEWMARK OU REMEDIAL DESIGN
NEWMARK GROUNDWATER
CONTAMINATION SUPERFUND SITE
SOUTH PLANT TRANSMISSION PIPELINE

INDEX, LEGEND
AND ABBREVIATIONS

Scale: NO SCALE Date: 9/25/97 Dwg. No.: 2